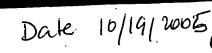
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Substitute for form 1449A/PTO	Application Number	10/030,452		
INFORMATION DISCLOSURE	Filing Date	January 10, 2002		
INFORMATION DISOLUCIONE	First Named Inventor	Masayuki YABUTA et al.		
STATEMENT BY APPLICANT	Group Art Unit	1646		
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1	P2	BOGOSIAN, George, "Biosynthesis and Incorporation Into Protein of Norteucine by Escherichia coll," The Journal (Chamietry, 264(1):531-539 (1989).							
	P3	APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Positions in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Position in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Position in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Position in Recombinant Human Hemogloban  APOSTOL, Izydor, et al., "Incorporation of Norvaline at Leucine Position in Recombination in Recombina							
	P4	KANGAWA, Kenji, et al., "Purification and Complete Amino Acid Sequence of α-Human Afrial Natriureuc Amino Acid Sequence of α-Human Afrial Natriureuc (α-hANP)." Biochemical and Biophysical Research Communications, 118(1):131-139 (1984).							
	P5	MASAKI, Takeharu: et al., "Studies on a New Proteotytic Enzyme from Achromobacter Lyticus M4971" II.  MASAKI, Takeharu: et al., "Studies on a New Proteotytic Enzyme from Achromobacter Lyticus M4971" II.  MASAKI, Takeharu: et al., "Studies on a New Proteotytic Enzyme from Achromobacter Lyticus M4971" III.  MASAKI, Takeharu: et al., "Studies on a New Proteotytic Enzyme from Achromobacter Lyticus M4971" III.							
	P6	NEIDHARDT, Frederick C., et al., "Chemical Composition of Escherichia coli," Escherichia coli and Salmonella NEIDHARDT, Frederick C., et al., "Chemical Composition of Escherichia coli," Escherichia coli and Salmonella Nei							
	· P7	TWIGG, Andrea J., et al., "Trans-Complementable Copy-Number Mutants of Plasmid ColE1," Nature, 283:210-							
	P8	KREDICH, Nicholas M., "Biosynthesis of Cysteine," Escherichia coli and Salmonella Cellular and Molecular Biology, Vol. I, pp.514-527, ASM Press, Washington, DC (1996).							
	P9	VOET, Donald et al., Biochemistry, Vol. 2, Second Edition, Tokyo Kagaku Dojin, pp. 869-870 (1988).							
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